



Please type a plus sign (+) → +

Patent and Trademark Office U.S. DEPARTMENT OF COMMERCE

1949/PTO

**U.S. Department of Commerce
Patent and Trademark Office**

Application No. : 10/642,896

Filing Date : August 14, 2003

First Named Inventor: N. TAKANO et al.

First Named Inventor: N. YAKANO; Group A8 Unit : 2712 3616

Examiner Name : Duane E.

Attorney Docket No. : NECP 20.583

[View all posts by admin](#) | [View all posts in category](#)

Attorney Docket No. : NECP 20.583

Attorney Docket No. : NECP 20.583

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Sheet 1 of 1

Attorney Docket No. : NECP 20.583

U.S. PATENT DOCUMENTS

FOREIGN DOCUMENTS

Examiner Initials	Cite No. ¹	Foreign Patent Document Office ² Number ⁴ Kind Code ⁵ (if known)	Country	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YY/Y	Pages, Columns Lines Where Relevant Passages or Relevant Figures Appear
/FD/		11-261480	JP	MATSUSHITA ELECTRIC IND CO LTD	03/01/2000	

Other Prior Art-Non Patent Literature Documents

Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), data, page(s), volume-issue number(s), publisher, country, where published, source.	Applicant check here if English language translation attached
		47	
Examiner Signature	/Frank Duong/		Date Considered 05/16/2007

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw a line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.1⁴ if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take .2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.